

EQUIPMENT MAINTENANCE TECHNICIAN - 2411

GENERAL DEFINITION AND CONDITIONS OF WORK:

Performs complex technical work maintaining and repairing a variety of automotive and related equipment; does related work as required. Work is performed under general supervision.

This is heavy work requiring the exertion of up to 100 pounds of force regularly, up to 50 pounds of force frequently, and up to 20 pounds of force constantly to move objects; work requires standing, walking, grasping, feeling, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms' length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions. The worker may be exposed to bloodborne pathogens and may be required to wear specialized personal protective equipment.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Maintains accuracy and job flow of work orders;
Performs scheduled preventive maintenance service and diagnoses problems;
Inspects cooling systems, air induction systems, ignition systems, fuel delivery systems, exhaust systems, suspensions, drivelines, tires, brakes, etc.;
Performs repair and replacement work; cleans and replaces spark plugs; installs radiator hoses;
Changes oil; lubricates vehicles; checks lights, brakes, tires, radiator hoses, fan belts, etc.;
Diagnoses, adjusts, repairs, and services a wide variety of department vehicles with the use of special equipment;
Overhauls brakes, ignition, and fuel systems, differentials, and axle assemblies;
Repairs lights and radio equipment; rebuilds, repairs, or replaces engines;
Repairs electrical problems; replaces brake linings;
Performs a variety of body repair work; paints and stripes cars;
Repairs and maintains police cars and related departmental vehicles and equipment;
Changes, repairs, and replaces tires and brakes;
Tunes motors using standard testing equipment;
Determines necessary materials and schedules jobs; orders materials;
Does electrical work on automotive equipment such as diagnosing electrical shorts, installing batteries and terminals, repairing and adjusting lights, and repairing generators and starters;
Fabricates and welds metal objects as needed;
Maintains clean and safe work areas and equipment;
Works with Police Department Administration to plan short and long-term equipment needs;
Follows all applicable federal and state regulations pertaining to the inspection, maintenance, and repair of vehicles and equipment;
Maintains reasonable and predictable attendance;
Performs related tasks as required.

KNOWLEDGE, SKILLS, AND ABILITIES:

Thorough knowledge of the theory and processes of modern mechanical equipment and physical and hydraulic engineering; ability to detect flaws in the operation of mechanical equipment and to determine the proper remedial actions; ability to plan and lay out the daily technical and maintenance operations; ability to understand and follow oral and written instructions; ability to establish and maintain effective working relationships with associates, regulatory agency officials, and the general public.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from high school and completion of Automotive Service Excellence (ASE) certification, a Universal Technical Institute (UTI) 450 hour degree, or a minimum of 10 years practical work experience in a closely related field, or any combination of the above.

SPECIAL REQUIREMENTS:

Must maintain certifications to perform federal inspections on all required vehicles. Must have a thorough understanding of Environmental Protection Agency (EPA) guidelines as they relate to federal vehicle inspections. Must possess a valid, unexpired North Carolina driver's license (Class A or B CDL preferred).